

From: Cynthia Caporale/ESC/R3/USEPA/US
Sent: 3/12/2012 2:18:16 PM
To: Robin Costas/ESC/R3/USEPA/US@EPA
CC:
Subject: Fw: Verification/Completeness Check for Dimock (WO 1202004 PART 1 Posted Mar 06)

Sorry, forgot to cc you.

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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 03/12/2012 02:18 PM -----

From: Cynthia Caporale/ESC/R3/USEPA/US
To: Ex. 4 - CBI
Cc: Ex. 4 - CBI, Gary Newhart/CI/USEPA/US@EPA, John Gilbert/CI/USEPA/US@EPA, Kelley Chase/R3/USEPA/US@EPA, Ex. 4 - CBI, Sella Burchette/ERT/R2/USEPA/US@EPA
Date: 03/12/2012 02:15 PM
Subject: Re: Verification/Completeness Check for Dimock (WO 1202004 PART 1 Posted Mar 06)

Kelley and Deb,

The report on the Dimock Verification/Completeness Check for WO# 1202004 PART 1 of 3 R33907 03 06 1150.pdf was reviewed and below are the responses for your consideration.

Please let us know if you would like a supplemental report documenting the missing QC information. All information is retained in the case file.

File 1202004 FINAL PART 1 of 3 R33907 03 06 12 1150.pdf

1. For Batch BB21006, LCS1 (ICP/MS) is missing from the laboratory report. An acceptable LCS for this ICP/MS batch cannot be confirmed.

Response: The LCS (BS1) was mistakenly left out of the report. All results were acceptable. A supplemental report can be supplied upon request.

2. For Batch BB21006 for DUP3 (sample HW22), results for barium and manganese are missing. Since ICP/MS data were reported for these analytes, acceptable PPDs cannot be confirmed.

Response: The barium and manganese duplicate results for sample 1202004-13 are found in BB21006-Dup4. The ICP results were reported for this sample.

3. For Batch BB21302, the ICP method blank results are missing from the laboratory report. A clean method blank cannot be confirmed.

Response: The BLK2 for ICP was mistakenly left out of the report. All results were acceptable and can be submitted. A supplemental report can be supplied upon request.

4. For Batch BB21302, barium results were missing in the laboratory report for DUP1 (sample HW16). An acceptable RPD cannot be confirmed for this analyte.

Response: The barium duplicate result for sample 1202004-27 is found in BB21302-Dup2. The ICP result was reported for this sample.

5. There were several metals that exceeded the MCL: Aluminum for HW22, HW22-P, HW16z and HW16; barium for HW16-P, HW16z, HW16, HW16-PF, HW16z-F and HW16-F; iron for HW22, HW23, HW22-P, HW22-PF, HW16z and HW16; lead for HW22; and manganese for HW22, HW22-F, HW22-P, HW22-PF, HW16z, HW16, HW16z-F and HW16-F.

Response: No comment.

6. There were several non-typical metals that were detected in some of the drinking water samples for which no MCLs are available: Boron for HW16-P, HW16z, HW16, HW16-PF, HW16z-F and HW16-F; strontium for HW22, HW22-F, HW23-F, HW22-P, HW23-PF, HW22-PF, HW49, HW16-P, HW16z, HW16, HW49-P, HW49-F, HW16-PF, HW16z-F, HW16-F and HW49-PF ; uranium for HW48, HW48-F, HW48z, HW48z-F, HW22, HW22-F, HW23, HW23-F, HW22-P, HW23-PF, HW22-PF, HW49, HW54-P, HW49-P, HW54, HW49-F, HW54-PF, HW54-F and HW49-PF.

Response: No comment.

7. It is assumed that all required instrument QC in the method was run and was within the criteria listed in the EPA R3 SOPs since this information is not available in the laboratory report.

Response: This assumption is correct and future reports will include a statement in the narrative.

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From: **Ex. 4 - CBI**
To: Cynthia Caporale/ESC/R3/USEPA/US@EPA, Kelley Chase/R3/USEPA/US@EPA
Cc: John Gilbert/CI/USEPA/US@EPA, Gary Newhart/CI/USEPA/US@EPA, Sella Burchette/ERT/R2/USEPA/US@EPA **Ex. 4 - CBI**
Ex. 4 - CBI
Date: 03/10/2012 12:00 PM
Subject: Verification/Completeness Check for Dimock (WO 1202004 PART 1 Posted Mar 06)

.....is attached for your review and consideration. Second version – footer change.

Ex. 4 - CBI
Lockheed Martin
Scientific, Engineering, Response and Analytical Services (SERAS)

Ex. 4 - CBI

[attachment "SERAS-172-DSR-031012_19.docx" deleted by Cynthia Caporale/ESC/R3/USEPA/US]